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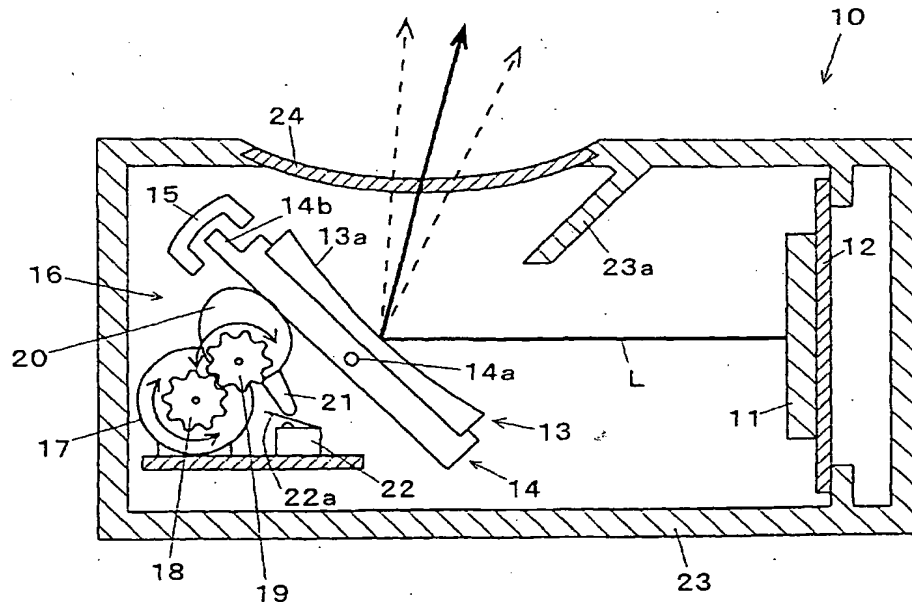
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- (21) 国際出願番号: PCT/JP03/01828
- (22) 国際出願日: 2003 年 2 月 19 日 (19.02.2003) (72) 発明者: および (75) 発明者/出願人 (米国についてのみ): 永野 恵一 (NAGANO, Keiichi) [JP/JP]; 〒940-2141 新潟県 長岡市 藤橋 1 丁目 1 9 0 番地 1 日本精機株式会社アールアンドデイセンター内 Niigata (JP). 高頭 克衛 (TAKATOH, Katsuei) [JP/JP]; 〒940-2141 新潟県 長岡市 藤橋 1 丁目 1 9 0 番地 1 日本精機株式会社アールアンドデイセンター内 Niigata (JP). 原 滋彦 (HARA, Shigehiko) [JP/JP]; 〒940-2141 新潟県 長岡市 藤橋 1 丁目 1 9 0 番地 1 日本精機株式会社アールアンドデイセンター内 Niigata (JP).
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特願2002-118972 2002 年 4 月 22 日 (22.04.2002) JP
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- (71) 出願人 (米国を除く全ての指定国について): 日本精機株式会社 (NIPPON SEIKI CO., LTD.) [JP/JP]; 〒

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(54) Title: DISPLAY FOR VEHICLE

(54) 発明の名称: 車両用表示装置



(57) Abstract: A display (11) emits display light L. A reflecting member (13) reflects the display light L. A drive means (18) moves the reflecting member (13) angularly within a specified angular range. A control means moves the reflecting member (13) angularly to an intermediate position within the angular range when an ignition switch is turned off. A memory section stores angular positional data of the reflecting member (13). A memory operating means stores the angular positional data in a memory section (36). When the ignition switch is turned on, the reflecting member (13) is moved angularly based on the angular positional data stored in the memory section.

(57) 要約: 表示器 11 は表示光 L を発する。反射部材 13 は表示光 L を反射させる。駆動手段 18 は、所定の角度範囲で反射部材 13 を角度移動させる。制御手段は、イグニッションスイッチがオフされた

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2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

ときに反射部材13を角度範囲の中間位置に角度移動させる。メモリ部は、反射部材13の角度位置データを記憶する。メモリ操作手段は、角度位置データをメモリ部36に記憶させる。イグニッションスイッチがオンされたときに、メモリ部に記憶された角度位置データに基づいて反射部材13を角度移動させる。

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/01828

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ B60K35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Toroku Jitsuyo Shinan Koho	1994-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	JP 06-048218 A (Isuzu Motors Ltd.), 22 February, 1994 (22.02.94), Par. Nos. [0019] to [0023] (Family: none)	1, 2, 6, 8 3, 4, 7, 10 5, 9, 11
Y	JP 2001-097073 A (Denso Corp.), 10 April, 2001 (10.04.01), Claims 1, 8 & FR 2799008 A & DE 10044221 A	3, 7
Y A	JP 11-278100 A (Nippon Seiki Co., Ltd.), 12 October, 1999 (12.10.99), Par. No. [0016] (Family: none)	4, 10 11

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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Telephone No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 62-101535 A (Nippon Seiki Co., Ltd.), 12 May, 1987 (12.05.87), Full text (Family: none)	4, 10 11
A	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 165072/1988 (Laid-open No. 085474/1990) (Yazaki Corp.), 04 July, 1990 (04.07.90), Full text (Family: none)	2, 3, 8
A	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 102910/1986 (Laid-open No. 008130/1988) (Toyota Motor Corp.), 20 January, 1988 (20.01.88), Full text (Family: none)	2, 3, 8